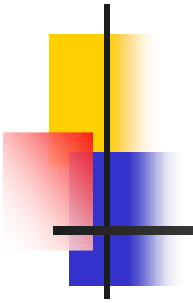
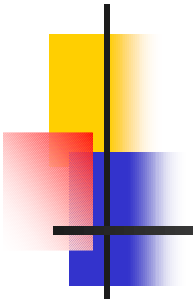


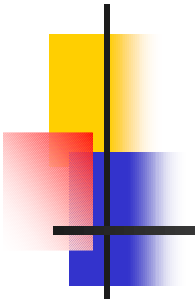
JES - Thumbnail Strip

- Updating Thumbnail Strip
  - Chunks saved:
    - MCKineChunk
    - TMBTriggerChunk
    - thumbnail::ThumbNailChunk
    - fwk::HistoryChunk
    - CalDataChunk
    - L1L2Chunk



JES - Thumbnail Strip

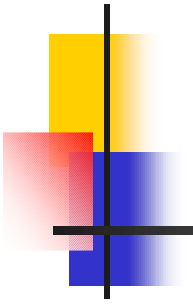
- Updating Thumbnail Strip
  - Triggers Analyzed:
    - CEM5
    - EM_LO
    - EM_LO_SH
    - EM_HI_EMFR8
    - EM_HI
    - EM_HI_SH
    - EM_HI_FO
    - EM_HI_L2_SH
    - EM_HI_L2
    - EM_MX_EMFR8
    - EM_MX
    - EM_MX_SH
    - EM_MX_FO
    - EM_HI_SH12



JES - Thumbnail Strip

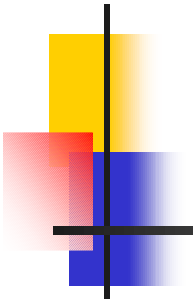
- Added new tag called JESTag
  - looks at all EM clusters reconstructed with simple cone algorithm
  - requires at least 1 cluster with
    - |ID| = 10,11
    - Detector Eta < 1.1 or between 1.5 and 2.5
    - pT > 4.0 GeV

- For CMT10.30
  - trigger filters keeps ~14% of the data
  - remaining cuts keep ~51% of the filtered data
  - total kept ~7-8%



JES - Thumbnail Strip

- Luminosity
  - Different ways of doing this
  - I have chosen to use the same method as the new phenomenon streaming group
  - This means having a list of “parentage” files for the strip files
    - You have to use lm_access_pkg to check for good luminosity blocks in your analysis code.
    - Make sure you filter out bad runs BEFORE you call the lm_access_pkg - you don’t want bad runs counted in the total luminosity
  - The eventual correct method is to strip the events and put them back in SAM with the correct metadata
    - then SAM will keep track of the parentage files for you



JES - Thumbnail Strip

- Status
  - Code is now working. I have started the strip of CMT10.30
  - Initial files in:
    - /rooms/hall/projects/jes/p13.06
      - thumb - thumbnail files
      - log - log files from strip
      - lumi - luminosity parentage files from strip
  - I will check these files and the luminosity calculation and then start the full strip
  - Please feel free to debug code on these files
  - Also email me comments on missing triggers/cuts/blocks, etc and I can incorporate them before starting production